

D 2 0 1 2 - 1 1 5

Work Order ID 105099

B 1 0 5 0 9 9

\*105099\*

Page 1

July-23-13 1:09:59 PM

Item ID: D2012-115

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: Bracket,Clevis

Start Date: 7/23/13 Start Qty: 20.00

\*26\* / 6  
\*20\* / 6

Cust Item ID:

Required Date: 7/23/13 Req'd Qty: 20.00

Customer:

Reference:

Approvals:

Process Plan: MLS

Date: 13-07-24

Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

| Sequence ID/<br>Work Center ID | Operation<br>Description                                   | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr                       | Revision Nbr   |                      |         |        |              |               |               |                  |                |
| D2012-115                      | Rev B  |                      |         |        |              |               |               |                  |                |
| 100<br>*100*                   | Pick Kit<br>PURCHASING<br>Memo                             | 0.00                 |         |        |              |               |               |                  |                |
| 160<br>*160*                   | Large Fab<br>Memo<br>Weld per Dwg D2012-115<br>Grind flush | 0.00                 |         |        |              |               |               |                  |                |
| 170<br>*170*                   | QC9- Inspect visual per QSI004- Fusion Welds<br>Memo       | 0.00                 |         |        |              |               |               |                  |                |

13-11-22

13-11-21

JSC

16

DAS  
9  
9-89

(1) 13-11-21

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____<br>Part No. _____<br>NCR No. _____   |                          |      |      | DISPOSITION  |  | AGAINST DEPARTMENT/PROCESS  |  |  |  |             |              |  |   |                                |
|--|--------------------------|------|------|--|--|---|--|--|--|-------------|--------------|--|---|--------------------------------|
|  |                          |      |      | Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Work Order Update <input type="checkbox"/>  | Skid-tube <input type="checkbox"/><br>Machining <input type="checkbox"/><br>Thermoforming <input type="checkbox"/><br>Large Fab <input type="checkbox"/> | Crosstube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/><br>Composite <input type="checkbox"/>  | Water Jet <input type="checkbox"/><br>Prod. Eng. Coor. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/><br>Supplier <input type="checkbox"/> | Engineering <input type="checkbox"/><br>Quality <input type="checkbox"/><br>Other <input type="checkbox"/> |  |             |              |  |   |                                |
| Root Cause   |                          | Date | Step | Qty  | Description of work order update or Non-conformance  |   | Initial Chief Eng  | Action Description   |  | Sign & Date | Verification | QC Inspector   |   |                                |
| Doc/Data   | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Equip/Tooling  | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Operator   | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Material   | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Setup  | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Other  | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Process  | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Supplier   | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Training   | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Unapproved   | <input type="checkbox"/> |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| FAULT CATEGORY   |                          |      |      |  |  |   |  |  |  |             |              |  |   |                                |
| Landing Gear<br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric to O/S<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crushed/Crimped<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Ripples in Bend<br><input type="checkbox"/> Torque Waves in Extrusion<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube |                          |      |      | General<br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damaged<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Folio |  | <input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Offset<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Outside Dimensions |  |  |  |             |              | <input type="checkbox"/> Ovalized<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled | <input type="checkbox"/> Other |

**Work Order ID 105099**

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**\*105099\***

Page 2

Item ID: D2012-115

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Bracket,Clevis

Stop

**\*NS2\***

Start Date: 7/23/13 Start Qty: 20.00

**\*20\***

Cust Item ID:

Required Date: 7/23/13 Req'd Qty: 20.00

**\*20\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start

**\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

**\*NR2\***

| Sequence ID/<br>Work Center ID                | Operation<br>Description                              | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp        |
|---|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|-----------------------|
| 180<br><b>*180*</b><br>QC<br>Quality Control  | QC5- Inspect part completeness to step on W/O<br>Memo | 0.00                 |         |        |              |               |               |                  | DAS<br>9<br>9.89      |
| 190<br><b>*190*</b><br>Packaging<br>Packaging | Identify as per dwg & Stock Location:<br>Memo         | 0.00                 |         |        |              |               |               |                  | DAS<br>32<br>9.89     |
| 200<br><b>*200*</b><br>QC<br>Quality Control  | QC21- Final Inspection - Work Order Release<br>Memo   | 0.00                 |         |        |              |               |               |                  | <i>BB/PL 13/11/22</i> |

*13/11/22*

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____   |      |      | DISPOSITION                                |   |                                    | AGAINST DEPARTMENT/PROCESS                   |                                      |   |             |              |              |  |  |   |  |
|---|------|------|--|---|------------------------------------|--|--------------------------------------|---|-------------|--------------|--------------|--|--|---|--|
| Part No. _____  |      |      | Rework <input type="checkbox"/>            | Skid-tube <input type="checkbox"/>  | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/>           | Engineering <input type="checkbox"/> |   |             |              |              |  |  |   |  |
| NCR No. _____   |      |      | Scrap <input type="checkbox"/>             | Machining <input type="checkbox"/>  | Small Fab <input type="checkbox"/> | Prod. Eng. Coor. <input type="checkbox"/>    | Quality <input type="checkbox"/>     |   |             |              |              |  |  |   |  |
|   |      |      | Use-as-is <input type="checkbox"/>         | Thermoforming <input type="checkbox"/>  | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>       |   |             |              |              |  |  |   |  |
|   |      |      | Work Order Update <input type="checkbox"/> | Large Fab <input type="checkbox"/>  | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/>            |                                      |   |             |              |              |  |  |   |  |
| Root Cause  | Date | Step | Qty  | Description of work order update or Non-conformance   |                                    | Initial Chief Eng                            | Action Description                   |   | Sign & Date | Verification | QC Inspector |  |  |   |  |
| Doc/Data  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Equip/Tooling   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Operator  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Material  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Setup   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Other   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Process   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Supplier  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Training  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Unapproved  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| FAULT CATEGORY  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric to O/S<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crushed/Crimped<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Ripples in Bend<br><input type="checkbox"/> Torque Waves in Extrusion<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube |      |      |  | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damaged<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Folio |                                    |  |                                      | <input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Offset<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Outside Dimensions |             |              |              | <input type="checkbox"/> Ovalized<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge |  | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled |  |
|   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  | <input type="checkbox"/> Other  |  |
|   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
|   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |

# Picklist Print

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Page 1

Work Order ID: 105099

Parent Item: D2012-115

Parent Item Name: Bracket,Clevis

Start Date: 7/23/13

Required Date: 7/23/13

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP: A 02.09.20New issueKJ/RF  
DD VERF:EC

IPP REV:B 12.05.29 MADE IN HOUSE

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit     | Total<br>Qty | Qty<br>Issued | Date<br>Issued  | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-----------------|--------------|---------------|-----------------|--------|
| D2012-115-1<br>L-Bracket        |                        | Manufactured  | No          | 106067              |                  | 100             | Each               | 13.0000        | 16              | 20           |               | 13-11-21<br>JBC |        |
|                                 |                        |               |             |                     | <u>Location</u>  |                 | <u>Loc Qty</u>     |                | <u>Loc Code</u> |              |               |                 |        |
|                                 |                        |               |             |                     | ST003            |                 | 13                 |                |                 |              |               |                 |        |
|                                 |                        |               |             |                     | 90021            |                 | 9                  |                |                 |              |               |                 |        |
|                                 |                        |               |             |                     | 90537            |                 | 4                  |                |                 |              |               |                 |        |
| D2012-115-3<br>Joggled Bracket  |                        | Manufactured  | No          | 106143              |                  | 100             | Each               | 0.0000         | 16              | 20           |               | 13-11-21<br>JBC |        |

NCR: Yes / No

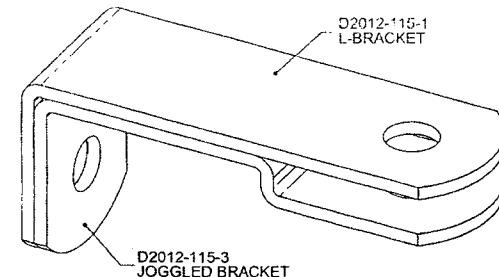
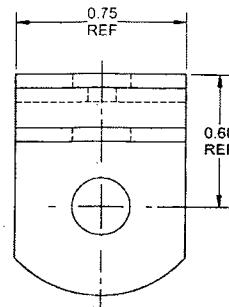
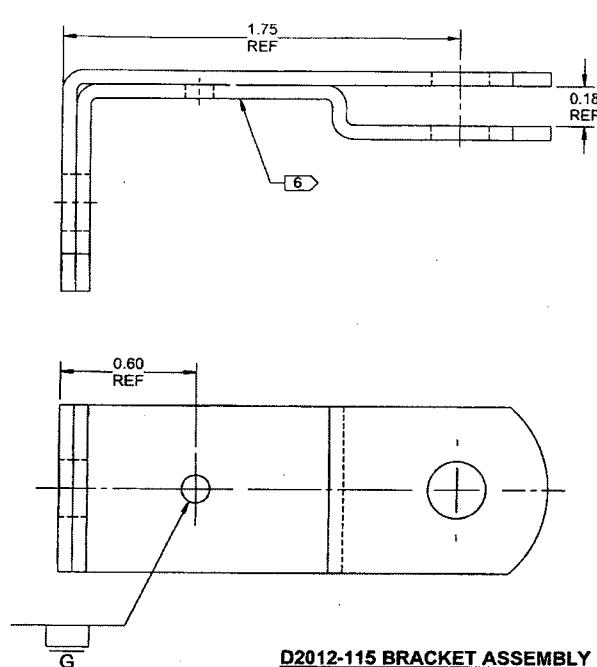
DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____ |   |   | DISPOSITION  |   |                                    | AGAINST DEPARTMENT/PROCESS                   |                                      |  |   |              |              |  |
|-------------------|---|---|--|---|------------------------------------|--|--------------------------------------|--|---|--------------|--------------|--|
| Part No. _____    |   |   | Rework <input type="checkbox"/>                          | Skid-tube <input type="checkbox"/>                  | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/>           | Engineering <input type="checkbox"/> |  |   |              |              |  |
| NCR No. _____     |   |   | Scrap <input type="checkbox"/>                           | Machining <input type="checkbox"/>                  | Small Fab <input type="checkbox"/> | Prod. Eng. Coor. <input type="checkbox"/>    | Quality <input type="checkbox"/>     |  |   |              |              |  |
|                   |   |   | Use-as-is <input type="checkbox"/>                       | Thermoforming <input type="checkbox"/>              | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>       |  |   |              |              |  |
|                   |   |   | Work Order Update <input type="checkbox"/>               | Large Fab <input type="checkbox"/>                  | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/>            |                                      |  |   |              |              |  |
| Root Cause        | Date  | Step                                    | Qty  | Description of work order update or Non-conformance |                                    | Initial Chief Eng                            | Action Description                   |  | Sign & Date                                 | Verification | QC Inspector |  |
| Doc/Data          |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Equip/Tooling     |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Operator          |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Material          |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Setup             |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Other             |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Process           |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Supplier          |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Training          |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Unapproved        |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| FAULT CATEGORY    |   |   |  |   |                                    |  |                                      |  |   |              |              |  |
| Landing Gear      | General   |   |  |   |                                    |  |                                      |  |   |              |              |  |
|                   | Bending <input type="checkbox"/>                      | Bend <input type="checkbox"/>           | Grain <input type="checkbox"/>                           | Ovalized <input type="checkbox"/>                   |                                    |  |                                      |  | Pressure/Forced <input type="checkbox"/>    |              |              |  |
|                   | Centre Not Concentric to O/S <input type="checkbox"/> | BOM/Route <input type="checkbox"/>      | Hardware <input type="checkbox"/>                        | Over/Under tolerance <input type="checkbox"/>       |                                    |  |                                      |  | Temperature/Cure <input type="checkbox"/>   |              |              |  |
|                   | Cracks <input type="checkbox"/>                       | Broken/Damaged <input type="checkbox"/> | Inspection Incomplete <input type="checkbox"/>           | Part Incorrect <input type="checkbox"/>             |                                    |  |                                      |  | Weld <input type="checkbox"/>               |              |              |  |
|                   | Crushed/Crimped <input type="checkbox"/>              | Burrs <input type="checkbox"/>          | Instructions Incomplete/Unclear <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/>          |                                    |  |                                      |  | Wrong Stock Pulled <input type="checkbox"/> |              |              |  |
|                   | Cuffs <input type="checkbox"/>                        | Contamination <input type="checkbox"/>  | Maintenance <input type="checkbox"/>                     | Part Moved <input type="checkbox"/>                 |                                    |  |                                      |  |   |              |              |  |
|                   | Heat Treat <input type="checkbox"/>                   | Countersink <input type="checkbox"/>    | Mislabeled <input type="checkbox"/>                      | Positioned Wrong <input type="checkbox"/>           |                                    |  |                                      |  |   |              |              |  |
|                   | Inspection Strip in Tube <input type="checkbox"/>     | Cut Too Short <input type="checkbox"/>  | Misread <input type="checkbox"/>                         | Power Loss/Surge <input type="checkbox"/>           |                                    |  |                                      |  |   |              |              |  |
|                   | Ripples in Bend <input type="checkbox"/>              | Drill Holes <input type="checkbox"/>    | Offset <input type="checkbox"/>                          | Other <input type="checkbox"/>                      |                                    |  |                                      |  |   |              |              |  |
|                   | Torque Waves in Extrusion <input type="checkbox"/>    | Drawing <input type="checkbox"/>        | Out of Calibration <input type="checkbox"/>              |   |                                    |  |                                      |  |   |              |              |  |
|                   | Turning Sequence <input type="checkbox"/>             | Finish <input type="checkbox"/>         | Out of Sequence <input type="checkbox"/>                 |   |                                    |  |                                      |  |   |              |              |  |
|                   | Wave/Twist in Tube <input type="checkbox"/>           | Folio <input type="checkbox"/>          | Outside Dimensions <input type="checkbox"/>              |   |                                    |  |                                      |  |   |              |              |  |

| ITEM | QTY | P/N         | DESCRIPTION      |
|------|-----|-------------|------------------|
| 1    | X   | D2012-115   | BRACKET ASSEMBLY |
| 2    | 1   | D2012-115-1 | L-BRACKET        |
| 3    | 1   | D2012-115-3 | JOGGED BRACKET   |



NOTES:

- 1) MATERIAL: PER SHEETS 2 AND 3
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D2012-115" AND BATCH NUMBER "BXXXX" PER DART QSI 044 6.1 (FINE POINT PAINT MARKER)
- 7) WEIGHT: 0.08 lbs

8

7

6

5

4

3

2

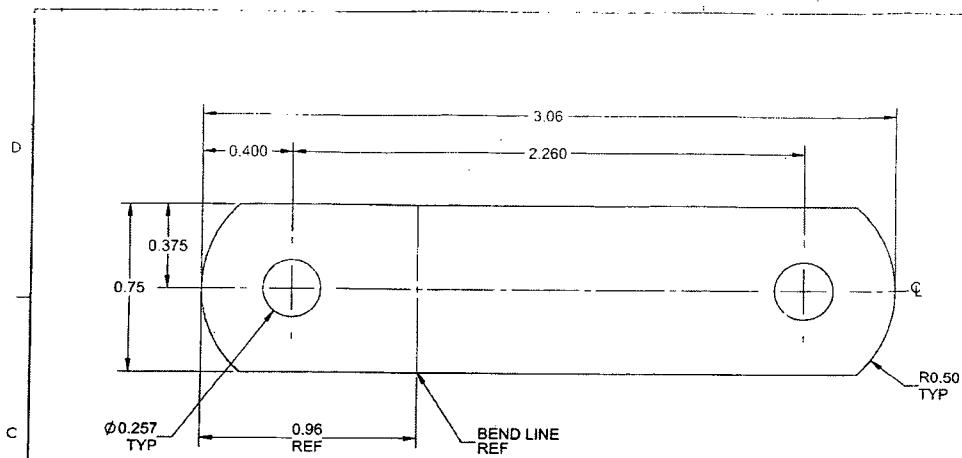
1

105099 MJS  
13-07-24  
RELEASED  
R 2012-05-28  
MP

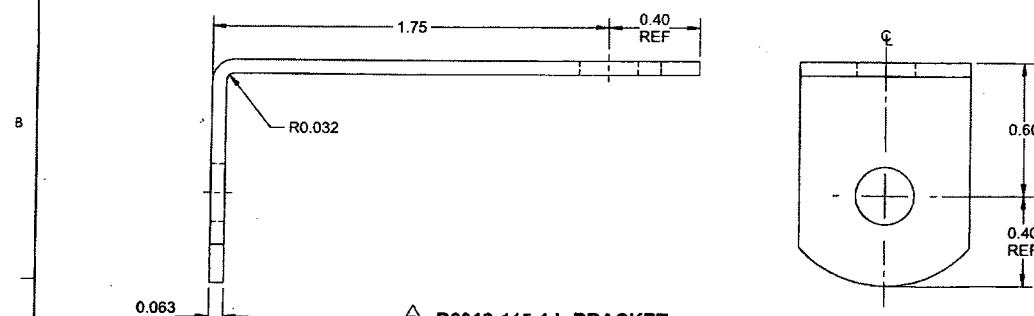
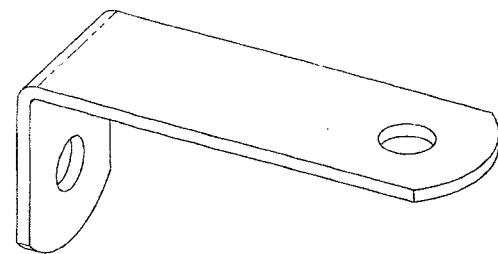
|          |   |  |   |          |
|----------|---|--|---|----------|
| B        | UPDATED TO CURRENT STANDARD/FORMAT; ADDITION OF D2012-115-1-1F/-3/-3F. REASON: FACILITATE MANUFACTURING (REF. PAR12-179). |  | MB  | 12.04.30 |
| A        | NEW ISSUE   |  | SH  | 92.08.03 |
| REV.     | DESCRIPTION   |  | BY  | DATE     |
| DESIGN   | SH  | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA |   |          |
| DRAWN    |   | DRAWING NO.  | REV. B<br>D2012-115                       |          |
| CHECKED  |   | MFG. APPR.   | SHEET 1 OF 3                              |          |
| APPROVED |   | DE APPR.   | TITLE<br>SCALE<br>BRACKET ASSEMBLY<br>NTS |          |
| DATE     | 12.04.30  |  |   |          |

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105099



A D2012-115-1F FLAT PATTERN 1

B D2012-115-1L-BRACKET  
(MAKE FROM D2012-115-1F)

## A NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH, 0.063 THICK, PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 REF. DART SPEC. M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.04 lbs

8 7 6 5 4

|            |           |  |
|------------|-----------|--|
| DESIGN     | SH        | DART AEROSPACE LTD                       |
| DRAWN      |           | HAWKESBURY, ONTARIO, CANADA              |
| CHECKED    | <i>AS</i> | REV. B                                   |
| MFG. APPR. | <i>AS</i> | DRAWING NO.<br>D2012-115<br>SHEET 2 OF 3 |
| APPROVED   | <i>AS</i> | TITLE<br>SCALE<br>NTS                    |
| DE APPR.   | <i>AS</i> | DATE 12.04.30                            |

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RELEASED  
2012-05-28  
*AS*

A

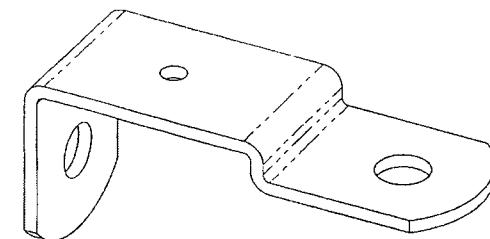
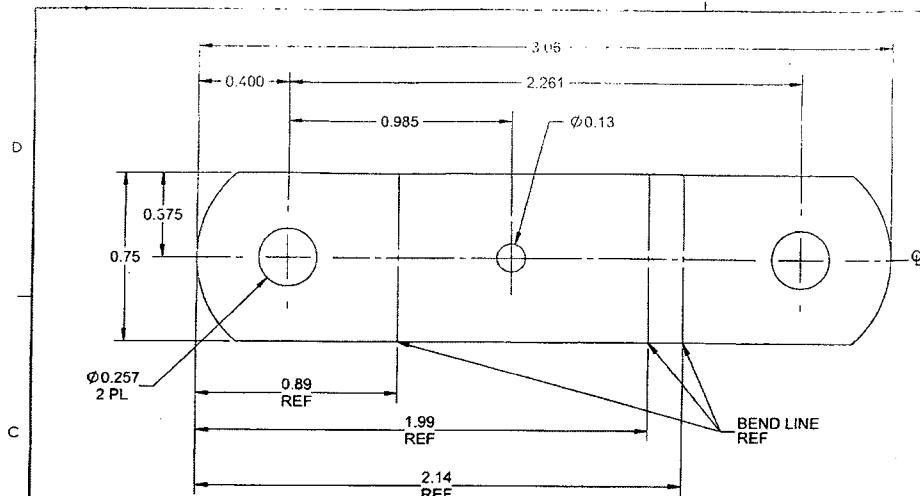
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3

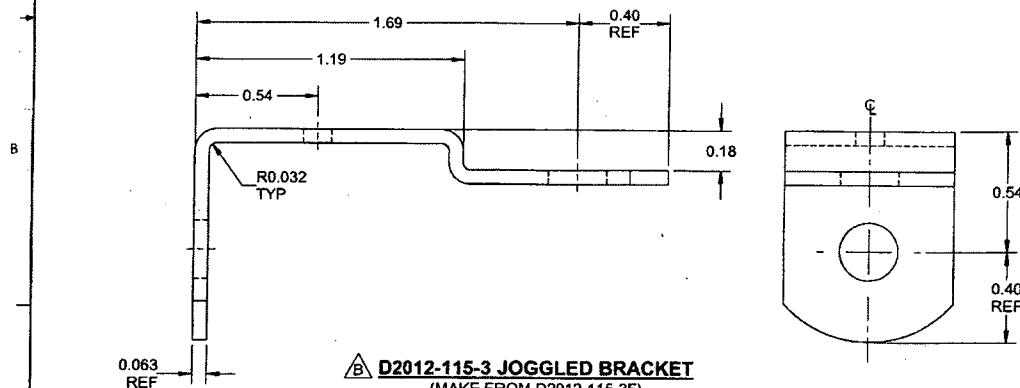
2

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105099



△ D2012-115-3F FLAT PATTERN



△ D2012-115-3 JOGGED BRACKET  
(MAKE FROM D2012-115-3F)

A NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH, 0.063 THICK, PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 REF. DART SPEC. M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.04 lbs

8 7 6 5 4 3 2 1

|   |          |                             |  |  |  |
|---|----------|-----------------------------|--|--|--|
| DESIGN  | SH       | DART AEROSPACE LTD          |  |  |  |
| DRAWN   |          | HAWKESBURY, ONTARIO, CANADA |  |  |  |
| CHECKED   |          | REV. B                      |  |  |  |
| MFG. APPR.  |          | D2012-115                   |  |  |  |
| APPROVED  |          | SHEET 3 OF 3                |  |  |  |
| DE APPR.  |          | TITLE                       |  |  |  |
| DATE  | 12.04.30 | SCALE                       |  |  |  |
|   |          | BRACKET ASSEMBLY            |  |  |  |
| NTS   |          |                             |  |  |  |
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RELEASED  
2012-05-28